BK PRECISION
ELECTRONIC TEST INSTRUMENTS

Test Bench® Multimeters

HIGH ENERGY FUSED

Model 388B

High quality, ruggedized, multi-function DMMs in a drop resistant case. Resistance and frequency measurement. Diode check. Auto power off. All current ranges fused. **Power Requirements:** Single 9V battery **Dimensions:** 7.8 x 3.5 x 1.5"

Accessories Supplied: 9V battery, test leads, instruction manual, rubber boot.

3 Year Warranty

Model 388B:

3-3/4 Digit LCD Display (4000 count). **DC Volts:** 400mV to 1000V **AC Volts:** 400mV to 750V **DC/AC Current:** 400µA to 10A **Resistance:** 400Ω to 40MΩ **Diode Test:** at 1mA, 3.2VDC max. type **Capacitance:** 4nF to 40µF **Frequency:** 4kHz to 4MHz. Logic level measure (TTL) Transistor gain (hFE) and peak hold.

Model 390A:

3-3/4 Digit LCD Display (4000 count). **Analog Bar Graph:** 41 Segments **DC Volts:** 400mV to 1000V **AC Volts:** 400mV to 750V **DC/AC Current:** 400µA to 10A **Resistance:** 400Ω to 40MΩ **Diode Test:** at 1.2mA, 3.0VDC max. type **Capacitance:** 4nF to 40mF **Frequency:** 4kHz to 40MHz **Temperature Range:** -50°C ~ 1300°C (1°C resolution). Auto/manual ranging. Relative mode. Minimum/Maximum hold. Data hold. Memory. RS-232. Audible continuity. Thermocouple Probe included.

Model 389A:

3-3/4 Digit LCD Display (4000 count). **Analog Bar Graph:** 41 Segments **DC Volts:** 400mV to 1000V **AC Volts:** 400mV to 750V **DC/AC Current:** 400µA to 10A **Resistance:** 400Ω to 40MΩ **Diode Test:** at 1.2mA, 3.0VDC max. type **Capacitance:** 4nF to 40mF **Frequency:** 4kHz to 40MHz. Auto/manual ranging. Relative mode. Min/max hold. Data hold. Memory. Audible continuity.

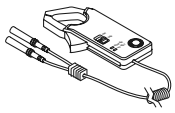
Model 391A:

4-1/2 Digit LCD Display (20,000 count). **DC Volts:** 200mV to 1000V **AC Volts:** 200mV to 750V **DC/AC Current:** 400µA to 10A True RMS reading **Resistance:** 200Ω to 20MΩ **Diode Test:** at 1mA, 3.2VDC max. type **Frequency:** 2kHz to 200kHz **Duty Cycle**: .0 to 90% (0.1% resolution). Data hold. Logic level measure (TTL).

BK388B-ND **$130.00**
BK390A-ND **$170.00**
BK389A-ND **$150.00**
BK391A-ND **$190.00**
LC-29B-ND Carrying Case (1 Year Warranty) **$19.71**

Accessories

DC/AC Current Clamp Adapter



Measures current without disconnecting circuit under test. Measures to 400A DC or AC. Outputs 1 mV per Amp., operates on 2V range of any DMM.

Power Requirements: 9V battery
Operating Temp.: 0°C ~ 50°C, <70% RH
Dimensions: 7 x 2.8 x 1.3"
Accessories Included: Battery and instruction manual.

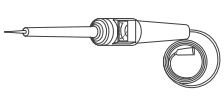
BKCP-3-ND **$95.67**

Probes and Test Lead Sets

TP-29-ND	Type K Bead Thermocouple Probe	**$10.34**
BKTL-4-ND	Universal Test Lead Set	**$9.31**
TL-2A-ND	Test Lead Set, Fully Shrouded SILIC, IEC61010-2-031 1,000V CATIII	**$22.83**
TL-1-ND	Test Lead Set, Fully Shrouded	**$9.31**
TL-3-ND	Test Lead Accessory Set for BKTL-4 and TL-2A	**$17.62**

High-Voltage Probes

Model PR-28A:



Accessory for DMM's Multiplies instrument ranges by 1000 (40V becomes 40,000V). PR-28 for use with any high impedance (10MΩ or greater) voltmeter.

Voltage Range: 40kVDC and 20kVAC (60Hz)
Frequency Range: DC-8Hz 20kVAC max. 60Hz
Impedance: 600MΩ accuracy: ±3% plus instrument accuracy
Calibration: Internal; factory calibrated at 25kV
Size: 14" long; 2.25" diameter (max.); 48" cord
Connector: Dual banana

Model HV-44A:

Built in meter for stand-alone operation (No DMM required). Measures voltages up to 40,000VDC. Factory calibrated at 25kV (±2% accuracy); full scale ±3% accuracy. Conventional round needle type tip and flat spring type tip for easy access to CRT anode. **Size:** 16.5 x 2.1 x 2" **Color:** Black and Red

Positive Polarity Only – *Not for microwave ovens.*

PR-28A-ND **$66.57**
HV-44A-ND **$113.00**

Logic Probes

20MHz and 50MHz Logic Probes

Model DP-21:

(20MHz Logic Probe): Tests TTL, DTL, RTL, HTL, CMOS and MOS. Displays pulse presence and logic states. Memory mode "freezes" pulse display. Catches pulses to 30ns or pulse trains to 20MHz. 1MΩ input impedance. **Operating Supply Voltage Range:** TTL–5V, CMOS 5-15V **Dimensions:** .7 x .7 x 8.2"

Model DP-52

(50 MHz Logic Probe): Tests TTL and CMOS. Displays DC to 50MHz. Detects 10ns pulse width. Overload protected. 120kΩ input impedance. **Operating Supply Voltage Range:** 4-18VDC **Dimensions:** .7 x .7 x 8.2"

DP-21-ND **$36.00**
BKDP52-ND **$46.00**

Pulser Probe

For TTL and CMOS. Produces 10µS pulse signal at 100mA. External square wave terminal. **Output Current:** Pulser mode-100mA sink/source square wave mode-5mA sink/source. **Operating Supply Voltage Range:** 5-15VDC **Sync Input Impedance:** 1MΩ **Dimensions:** .7 x .7 x 8.2"

DP-31A-ND **$36.00**

Component Testers

Dual-Display Auto Ranging LCR Meter

Measures inductance, resistance and capacitance. 4½ digit LCD display. Tests at 100Hz, 120Hz, 1kHz or 10kHz (120Hz or 1kHz for 878A only). Relative mode. Tolerance mode. Backlight (879 only).

Accessories Included: 9V battery, user manual and test alligator clips pair.

BK878A-ND **$249.00**
BK879-ND **$332.22**
LC-29B-ND Carrying Case (1 Year Warranty) **$19.71**

Bench LCR/ESR Meter with Component Tester

Synthesized In-Circuit LCR/ESR Meter with Component Tester. Used for measuring inductors, capacitors and resistors with DC/AC Voltage measurements and Diode/Audible Continuity checks.

BK889A-ND **$1204.35**

In-Circuit Testers

Model 885 — LCR/ESR Meter:

Specifications: Measurement parameters: Z, L, C, DCR, ESR, D, Q, and θ Test conditions: 100Hz, 120Hz, 1kHz, 10kHz, 1vrms, 0.25Vrms, 0.05Vrms **Features:** • 0.5% basic accuracy • Dual LCD display • SMD surface mount tweezer probe included • Fully auto/manual selection • DC resistance measurement • Rechargeable battery/AC powered

BK885-ND **$565.00**
LC-29B-ND Carrying Case (1 Year Warranty) **$19.71**

LCR Meter

Model 875B: Measures capacitance (200pF-20mF ±1%), resistance (2-20MΩ ±1%), and inductance (200µH-200mH ±1%). 3-1/2 digit LCD display. Low battery and overload indicator.

Power: Single standard 9V battery
Dimensions: 1.4 x 3.5 x 7.5"
Accessories Included: Test leads, battery, instruction manual.

BK875B-ND **$195.00**
LC-29B-ND Carrying Case (1 Year Warranty) **$19.71**

Auto Ranging Capacitance Meter

Model 830B: 4-1/2 digit LCD display. 11,000 counts resolution. Nine automatically selected ranges with full scale value from 1.0pF ~ 199.99mF. **Features:** • USB PC interface and data logging software included • Three year warranty **Specifications:** • Power Source: 9V battery • Dimensions: 7.24 x 3.42 x 1.61"

Model 890B: 4-1/2 LCD with dual display. 11,000 counts resolution. Nine automatically selected ranges with full scale value from 1.0pF ~ 50mF. **Features:** • Program unique values to sort for specific circuit applications • USB PC interface for data logging software available

BK830B-ND ***NEW!*** **$289.00**
BK890B-ND ***NEW!*** **$134.00**
LC-29B-ND Carrying Case (1 Year Warranty) **$19.71**

Capacitance Meter

Model 810C: 3-1/2 digit LCD display. Nine ranges from 200pF to 20mF. Low battery and over-range indicator. **Power Source:** One 9V battery **Dimensions:** 5.7 x 3 x 1.6" **Accessories Included:** Test leads, battery, and manual.

BK810C-ND **$81.00**
LC-29B-ND Carrying Case (1 Year Warranty) **$19.71**

IC Testers

Model 570A — Linear IC Tester:

Features:

• Tests all common analog IC's • Auto identification of unmarked/house-coded devices listing possible replacements • Conditional/unconditional loop testing mode • Functional test emulates passive circuitry to implement a comprehensive test in a variety of configurations • Displays diagnostic information down to individual component pins • Rugged, hand-held, ergonomically designed case incorporates built-in membrane keypad, 2 x 16 dot matrix alpha numeric LCD and high quality 16 pin ZIF socket • Auto power off

BK570A-ND **$1399.00**

Model 575A — Digital IC Tester:

Features:

• 40 pin wide-entry ZIF sockets test a broad range of TTL, CMOS Memory, LSI, Interface and other devices (NAND gates to CPUs) • Identifies unmarked and house-coded devices • Detects intermittent and temperature related faults • Displays diagnostic information for individual pins

BK575A-ND **$1099.00**

NTSC Generator

Model 1257:

This portable, handheld NTSC Pattern Generator with S-Video, composite video and audio outputs is powered by a 9-volt battery or AC adapter. It provides NTSC color bars, crosshatch, dot, staircase, circle, center cross, windows, and a full range of color raster patterns. The outputs available are composite video and audio via two RCA connectors or an S-Video mini-DIN output. Signals can be produced as an interlaced or progressive scanning mode. No modulated RF signal is provided.

BK1257-ND NTSC Generator **$205.00**

Network and PC Cable Testers

Model 231A:

Tests 10 BaseT, 100 Base2, RJ45, RJ11,356A, TIA-568A, TIA-568B, and token ring cables • Detects open, short, cross, and continuity • Tests Point-to-Point, rather thana Pair-to-Pair • Tests cables on wall plate or patch panel up to 1000 ft. away with the remote kit • Easy to read LED display

BK231A-ND DLX Multi-Network Cable Tester **$80.00**

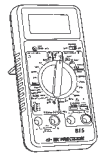
Deluxe EPROM Eraser

Model 851:

Heavy duty EPROM eraser simultaneously erases up to 40 twenty-four pin EPROMs. Features a 60 minute timer.

BK851-ND **$161.10**

3½ Digit Hand-Held Parts Tester



26 user ranges for versatile test selection. Tests capacitance from 0.1pF—20mF. Tests resistance from 0.1Ω—20MΩ. Tests transistors, SCRs, diodes and LEDs. Tests batteries under actual loaded conditions.

Power: One 9V transistor battery
Dimensions: 6.9 x 3.6 x 1.3"
Accessories Included: Test leads, spare fuse, battery, instruction manual.

BK815-ND **$102.00**
LC-29B-ND Carrying Case (1 Year Warranty) **$19.71**

K